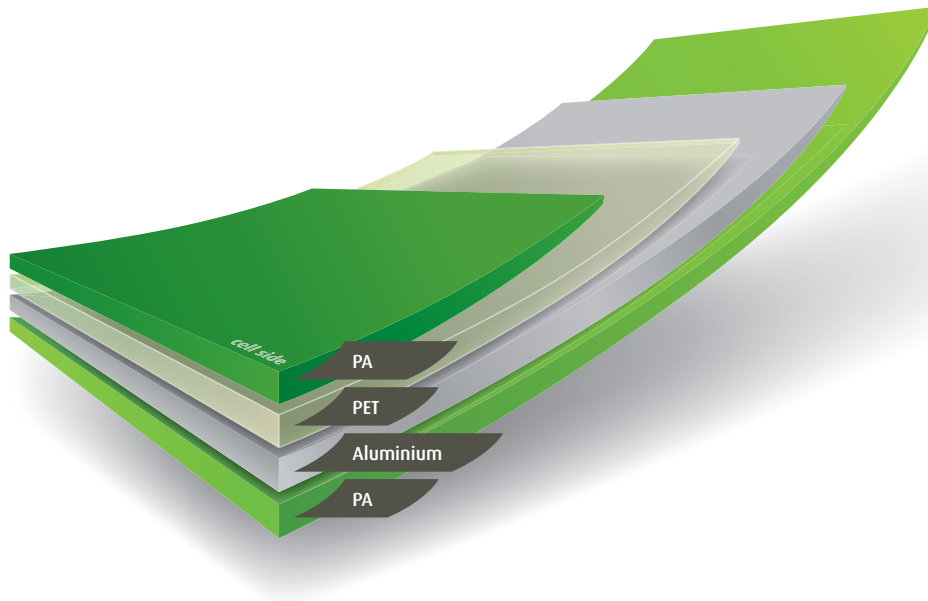


ICOSOLAR® APA 3G ALU



| Properties | Standard | Unit | Value |
|---|-------------|--------------------|-------------|
| Thickness | IPV No. 20 | mm | 0.39 ± 0.04 |
| Total Weight | IPV No. 4 | g/m ² | 528 ± 63 |
| Peel Strength of Layers (PA - PET) | IPV No. 70 | N/5 cm | ≥ 20 |
| Peel Strength of Layers (PET - Al) | IPV No. 70 | N/5 cm | ≥ 20 |
| EVA - Peel Strength (EVA FIRST F806) | IPV No. 70 | N/cm | ≥ 40 |
| Permeability of Water Vapour @ 40 °C / 90% r.h. | ISO 15106-3 | g/m ² d | 0 |
| Relative Temperature Index | UL 746B | °C | 105* |
| Temperature Index | IEC 60216 | °C | 125 |
| Max. System Voltage | IEC 61730 | VDC | 1,000 |

Climatic Stability according to IEC 61215 (3,500 h at 85 °C, 85% r.h.) no delamination

* derived from PET

Colours

- White
- Black

Composition

modified Polyamide (PA)
 PET - Film
 Al - Film
 modified Polyamide (PA)

Shelf life

max. 12 months at max. 40°C

Certification

UL recognized and TÜV type approved



• BAUART
 GEPRÜFT
 • TYPE
 APPROVED



The verification and assurance of the compatibility of ICOSOLAR® with the EVA film and/or other materials used in the solar module shall be incumbent upon the user, and also the verification of the suitability of ICOSOLAR® for the envisaged processing and application. Any warranty or liability of ISOVOLTAIC AG in this connection is excluded.